Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Sunday 16 May 2021 until 23:59 on Monday 17 May 2021

Forecast Issued on Saturday 15 May 2021 at 13:44

Confidence: High for brighter spells and showers through the period, but Low for the extent of any heavier and thundery showers. Moderate for showers to ease and become less frequent Tuesday onward. Low confidence for details and timing of approaching rain Thursday.

Headline for Sunday 16 May 2021: Overnight rain clearing to sunny spells and scattered showers. These heavy at times with the low risk of thunder.

Mountain weather hazards on Sunday 16 May 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Medium Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Drizzle	Dull	Cloudy	Light rain showers	Heavy rain showers	Light rain showers	Partly cloudy (night)
Precipitation probability							
40%	30%	20%	20%	30%	40%	30%	20%

Forecast for Sunday 16 May 2021

Weather: Cloudy during the early hours of Sunday, with outbreaks of rain and drizzle. These lifting and breaking through the morning, with some brighter or sunny spells but also scattered showers developing by the afternoon. Showers could be heavy at times, with a low chance of thunder and hail, before gradually easing during the evening.

Chance of cloud free mountain/hill tops above 600m: 20% increasing through the morning to 80%

Visibility: Poor to very poor during the early hours with outbreaks of rain or drizzle and cloud obscuring tops above 400m. Improving through the morning to give mostly good or very good view, only falling to moderate or poor during any heavy showers. Periods of cloud at 600m are possible during heavy showers, leading to further spells of very poor visibility on the highest tops.

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Mountain Weather Forecast

Forecast for Sunday 16 May 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/11 SE	7/10 E	7/10 E	7/11 E	7/11 SE	7/11 E	8/13 E	7/11 NE	6/9 NE
300	4/11 SE	5/10 E	4/8 E	5/9 SE	6/12 SE	6/12 E	7/12 NE	5/11 NE	5/9 NE
Valley	5/12 E	4/9 E	5/9 E	5/10 SE	4/9 S	5/10 N	5/10 NE	6/9 NE	3/7 NE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	5/2	4/2	5/2	6/4	8/6	8/6	7/4	5/3	5/2
300	7/5	6/5	7/6	9/8	9/8	11/10	10/8	7/6	6/5
Valley	8/6	8/7	8/7	10/10	11/11	12/11	11/10	9/7	8/7
Freezing Level*	1400m	1400m	1300m	1400m	1400m	1500m	1500m	1500m	1500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

After a poor start, some drier and brighter conditions are expected allowing for some good views. Most routes are expected to see a few further showers, however, with the potential for heavy and possibly thundery bursts. Despite some warm brighter spells and light winds, a chilly feel is likely on the tops, especially once caught in any showers.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Sat 15 May 2021	0.6mm	0.6mm	5.6mm

Forecast for Monday 17 May 2021

Weather: Rather cloudy overnight, with a few showers remaining possible. Cloud breaking again through the morning, with another day of sunny spells and showers following, heavy at times. Thunder and hail will remain possible during heaviest showers, along with some blustery winds.

Maximum wind: Northeasterly 5-10mph at first, becoming Northwesterly 15-20mph with 25-35mph gusts, strongest during showers.

Chance of cloud free mountain/hill tops above 600m: 40% at first, increasing during the morning to 80%.

Visibility: Moderate to very good views expected, with some variability as showers move through and rain reduces the viewing distance. Some poor or very poor conditions possible above 500m during the morning with areas of cloud on the summits, and again above 600m with cloud returning to highest tops during any heavy showers that occur.

Temperature: **Valleys:** Plus 6 Celsius rising to Plus 13 Celsius
At 600m: Plus 4 Celsius rising to Plus 8 Celsius
Freezing level: Above the summits.

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